

WO 2005/087068

PCT/SE2005/000354

9

Claims

1. Dispensing device for paper characterised in that it includes means for the spraying of the paper with a fluid arranged at the outlet of the paper so that only the paper is wet.
2. Dispensing device according to claim 1, characterised in that the paper outlet is downwards so that the paper during the spraying hangs freely.
3. Dispensing device according to claim 1 or 2, characterised in that a motor driving is arranged for the dispensing of the paper.
4. Dispensing device according to claim 1, 2 or 3, characterised in that a control for the spraying is so arranged that the paper is not sprayed until its lower edge has passed the spraying area so that all fluid gets on the paper.
5. Dispensing device according to claim 1, 2, 3 or 4, characterised in that a control for the spraying is so arranged that the spraying of the paper is finished before a piece of paper that is to be delivered has passed the spraying nozzles so that all fluid gets on the paper that is just to be removed.
6. Dispensing device for paper, characterised in that it includes means for the perforating of the paper, for instance motor driven means.
7. Dispensing device for paper according to claim 6, characterised in that it includes control means for the control of the perforating of the paper so that the perforating can be placed after the sprayed area seen in the feeding direction of each piece of paper.
8. Dispensing device for paper characterised in that it includes means for motor driven dispensing of the paper.
9. Dispensing device according to claim 8 characterised in that it is designed to use folded paper, in particular with folds perpendicular to the length direction of the paper web.
10. Dispensing device according to claim 8 or 9, characterised in that it includes means to spray water and/or soap disinfecting agents etc. on the dispensed paper.
11. Device according to any of the claim 8-10 characterised in that it includes control electronics for the feeding device and or spraying device for the dispensing of different amounts of paper respectively differently sprayed or unsprayed paper dependent on if this is to be used as toilet paper, wet napkin or drying towels etc.
12. Device according to any of the claim 8-11 characterised in that it is provided with a contact free activation, for instance by means of one or several movement's sensors.

WO 2005/087068

PCT/SE2005/000354

10

13. Device according to any of the claim 8-12, characterised in that it includes a perforating or cutting device for the cutting of intended paper length.

14. Device according to any of the claim 8-13, characterised by a feeding device including on a roller arranged rubber rings that are in contact with a paper that on the other side is in contact with a panel.

15. Device according to any of the claim 8-14, characterised in that it includes a device for the perforation of the paper web that includes a knife with a number of next to each other arranged knife tips with an intermediate small space so that a perforation with small bridges is obtained and that can be easily torn by the user.

16. Paper for the use in a device in accordance with any of the claims 1-6, characterised in that the solving ability of the paper in water is chosen so that it can be used as toilet paper as well as napkin or towel paper, so that it can be flushed down after use even if it has been used as a napkin or a drying towel.

17. Method for paper use in a device in accordance with claim 1, characterised in that at sick sack folded paper in stacks the final end of an upper stack is joined to the upper end of the next lower stack so that refilling can take place without the disposing of only partly used stacks.

18. Device according to any of the claim 8-16, characterised in that it includes a paper magazine that is refillable from below, for instance by means of a shelf that can be swiveled away, so that the paper magazine can be refilled and a new paper joined to the already existing paper so that all paper can be used.
